

SEQUENCE LISTING

<110> Snell, Kristi D.

<120> Multi-Gene Expression Constructs Containing Modified
Inteins

<130> MBX 038

<140> Not Yet Assigned

<141> 2000-02-09

<160> 2

<170> PatentIn Ver. 2.1

<210> 1

<211> 1617

<212> DNA

<213> Pyrococcus sp.

<220>

<221> misc_feature

<222> (1)..(3)

<223> Asparagine residue encoded at N-terminal extein
junction point

<220>

<221> misc_feature

<222> (1615)..(1617)

<223> Serine residue encoded at C-terminal extein
junction point

<400> 1

```
aacagcattt tacggaaga atgggttcca ctaattaaaa acggtaaagt taagatattc 60
cgcattgggg acttcgttga tggacttatg aaggcgaacc aaggaaaagt gaagaaaacg 120
ggggatacag aagttttaga agttgcagga attcatgcgt tttcctttga caggaagtcc 180
aagaaggccc gtgtaatggc agtgaaagcc gtgataagac accgttattc cggaaatggt 240
tatagaatag tcttaaactc tggtagaaaa ataacaataa cagaagggca tagcctattt 300
gtctatagga acggggatct cgttgaggca actggggagg atgtcaaat tggggatctt 360
cttgacgttc caagatcagt aaacctacca gagaaaaggg aacgcttgaa tattgttgaa 420
cttcttctga atctctcacc ggaagagaca gaagatataa tacttacgat tccagttaaa 480
ggcagaaaga acttcttcaa gggaatgttg agaacattac gttggatttt tgggtaggaa 540
aagagagtaa ggacagcgag ccgctatcta agacaccttg aaaatctcgg atacataagg 600
ttgaggaaaa ttggatacga catcattgat aaggaggggc ttgagaaata tagaacgttg 660
tacgagaaac ttgttgatgt tgtccgctat aatggcaaca agagagagta tttagttgaa 720
tttaatgctg tccgggacgt tatctcacta atgccagagg aagaactgaa ggaatggcgt 780
attggaacta gaaatggatt cagaatgggt acgttcgtag atattgatga agattttgcc 840
```

aagcttcttg gctactatgt gagcgagggg agtgcgagga agtggaagaa tcaaactgga 900
ggttgaggtt aactgtgag attgtacaac gagaacgatg aagttcttga cgacatggaa 960
cacttagcca agaagttttt tgggaaagtc aaacgtggaa agaactatgt tgagatacca 1020
aagaaaatgg cttatatcat ctttgagagc ctttgtggga ctttggcaga aaacaaaagg 1080
gttcctgagg taatctttac ctcatcaaag ggcgtagat gggccttcct tgaggggttat 1140
ttcatcggcg atggcgatgt tcaccaagc aagagggttc gcctatcaac gaagagcgag 1200
cttttagtaa atggccttgt tctcctactt aactccttg gagtatctgc cattaagctt 1260
ggatacgata gcgaggtcta cagggtttat gtaaacgagg aacttaagtt tacggaatac 1320
agaaagaaaa agaattgata tcaactctac attgttccaa aggatattct caaagaaact 1380
tttggttaagg tcttccagaa aaatataagt tacaagaaat ttagagagct tgtagaaaat 1440
ggaaaacttg acagggagaa agccaaacgc attgagtggg tacttaacgg agatatagtc 1500
ctagatagag tcgtagagat taagagagag tactatgatg gttacgttta cgatctaagt 1560
gtcgtgaag atgagaattt ccttgctggc tttggattcc tctatgcaca taatagc 1617

<210> 2

<211> 600

<212> DNA

<213> Mycobacterium xenopi

<220>

<221> misc_feature

<222> (1)..(3)

<223> Tyrosine residue encoded at N-terminal extein
junction point

<220>

<221> misc_feature

<222> (558)..(600)

<223> Threonine residue encoded at C-terminal extein
junction point

<400> 2

tactgcatca cgggagatgc gctggttgcc ctacccgagg gcgagtcggt acgcatcgcc 60
gacatcgatgc cgggtgcgag gcccaacagt gacaacgcca tcgacctgaa agtccttgac 120
cggcatggca atcccggtgt cgcgacggg ctgttccact ccggcgagca tccgggtgtac 180
acgggtgcgta cgggtcgaagg tctgcgtgtg acgggcaccg cgaaccaccc gttgttgtgt 240
ttgggtcgacg tcgcccgggt gccgacctg ctgtggaagc tgatcgacga aatcaagccg 300
ggcgattacg cgggtgattca acgcagcgca ttcagcgctg actgtgcagg ttttgcccgc 360
ggaaaaccgg aatttgcgcc cacaacctac acagtggcg tccctggact ggtgcgtttc 420
ttggaagcac accaccgaga cccggacgcc caagctatcg ccgacgagct gaccgacggg 480
cggttctact acgcgaaagt cgccagtgtc accgacggcg gcgtgcagcc ggtgtatagc 540
cttcgtgtcg acacggcaga ccacgcgttt atcaccaacg gggttcgtcag ccacaacacc 600